

AMENDMENTS TO THE CLAIMS

1. - 20. (Canceled)

21. (Currently Amended) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NOS: 128, 131, or 133;
- (b) an RNA equivalent of (a);
- (c) a sequence at least ~~67.7~~ 83.3% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c),

wherein

$X = \del{48} 20 to 120,$

$Y \geq \del{48} 20 to 120,$

$X \geq Y$.

22. (Canceled)

23. (Previously Presented) The nucleic acid of claim 21, wherein the X nucleotides are of a sequence selected from the group consisting of SEQ ID NOS: 477, 480, and 482.

24. (Currently Amended) The nucleic acid of claim 21, wherein $X = \del{48} 20 to 24.$

25. (Previously Presented) The nucleic acid of claim 21, wherein $X = Y$.

26. (Canceled)

27. (Previously Presented) The nucleic acid of claim 23, wherein $X = Y$.

28. (Currently Amended) The nucleic acid of claim 25, wherein $X = \del{48} 20 to 24.$

29. - 34 (Canceled)

35. (Previously Presented) A vector comprising the nucleic acid of claim 21.

36. (Previously Presented) A vector comprising the nucleic acid of claim 25.

37. - 40 (Canceled)